

FIG. 1A

FIG. 1B

The diagram illustrates a network system 100. On the left, a block labeled 122 (CARRIER C) is connected to a dashed box 100. Inside this dashed box are three blocks labeled 100A, 100B, and 100C, each labeled "CONNECTING NETWORK". These connecting networks are connected to a large block 102. Block 102 contains a sub-block 102D with "CONTROLLER" and "MEMORY" components, connected to a "SWITCH" block 102C, which is in turn connected to an "I/F" block 102B. Block 102 is also connected to a block 150. Block 150 contains a sub-block 150A with "I/F", "CONTROLLER", and "MEMORY" components, connected to another "I/F" block 150D. Block 150 is connected to three blocks labeled 151, 152, and 153, each labeled "BS". Block 102 is also connected to a block 112. Block 112 contains a sub-block 112D with "CONTROLLER" and "MEMORY" components, connected to a "SWITCH" block 112C, which is in turn connected to an "I/F" block 112B. Block 112 is also connected to four blocks labeled 155, 156, 157, and 158, each labeled "BS".

FIG. 2

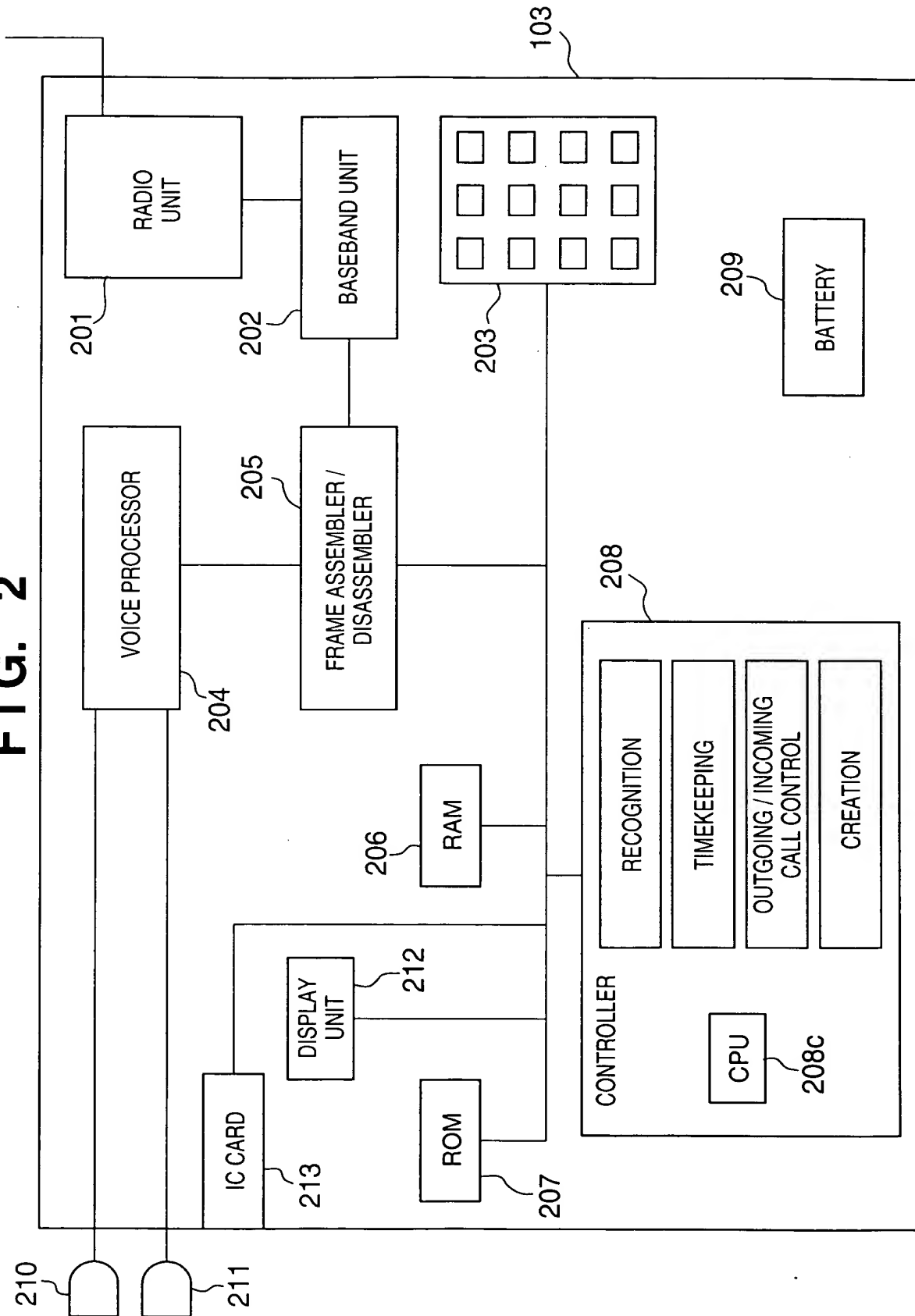


FIG. 3

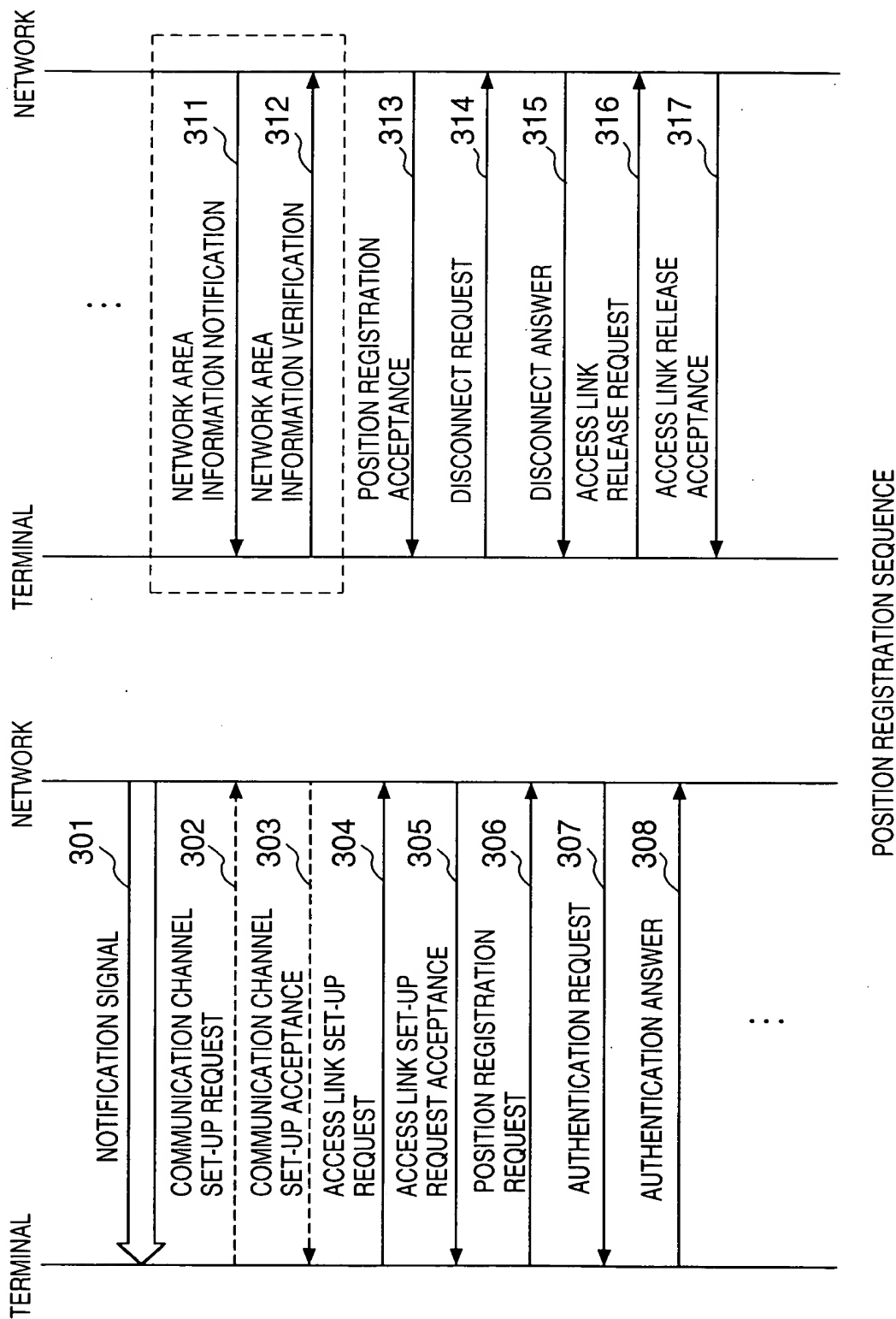


FIG. 4

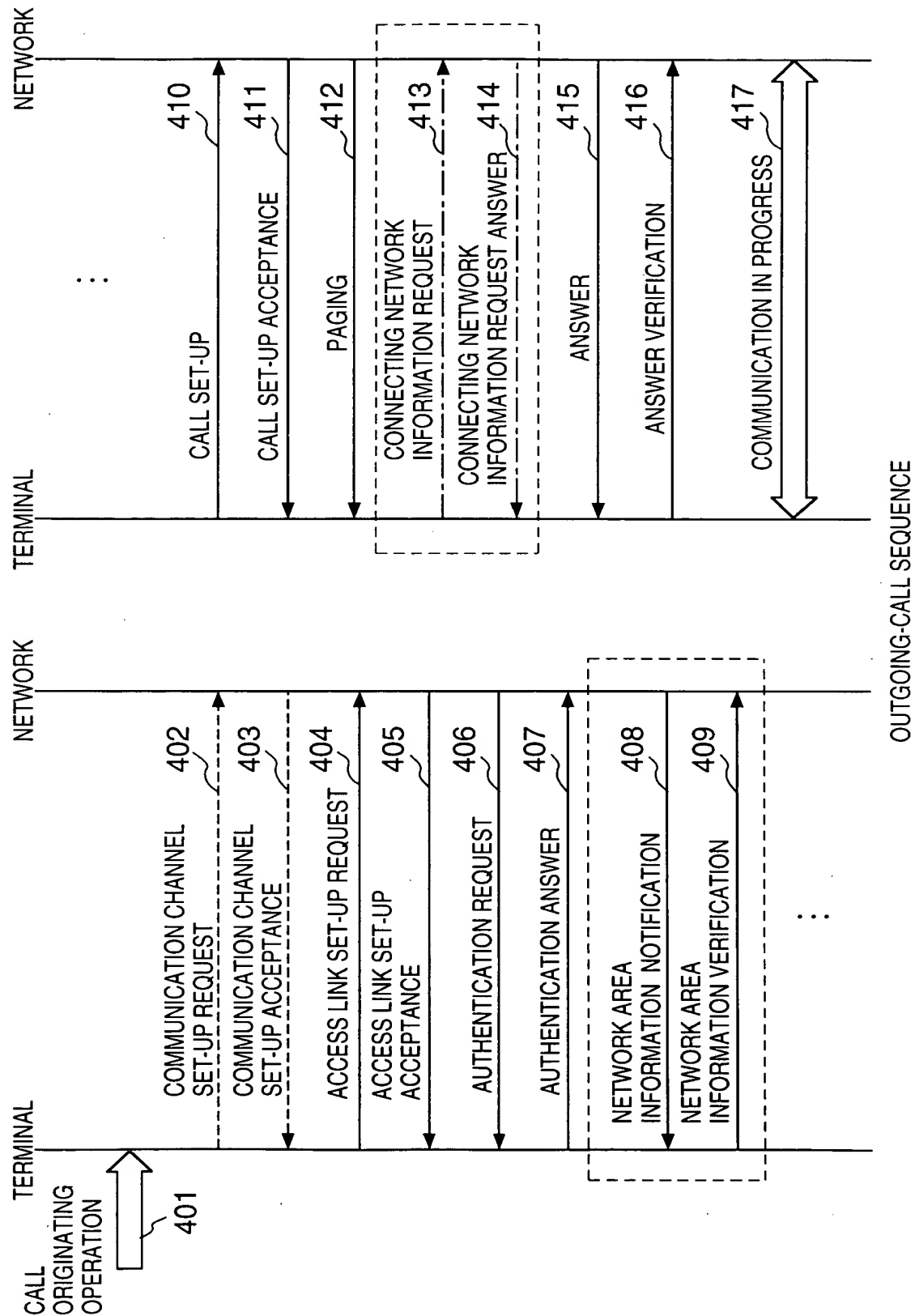


FIG. 5

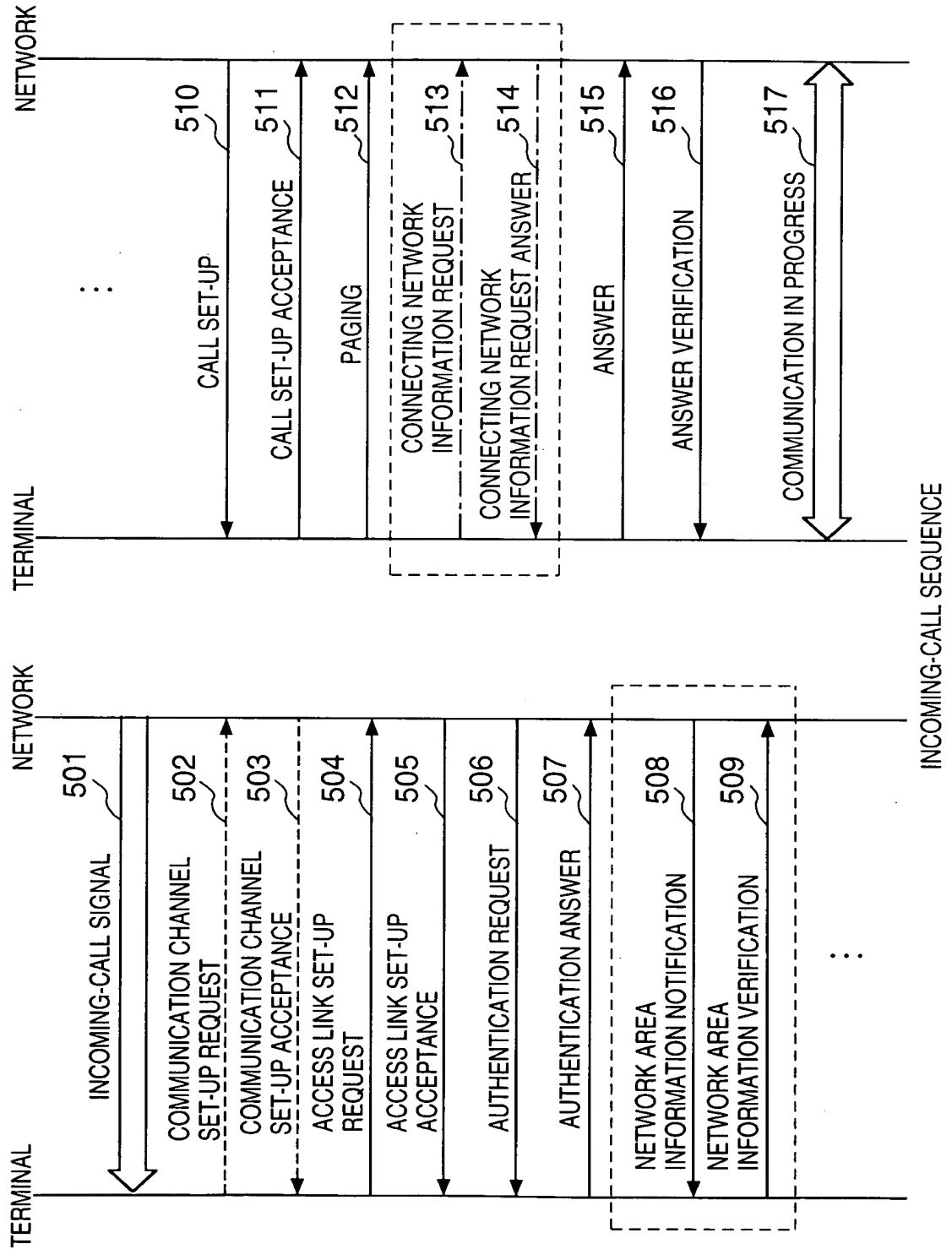


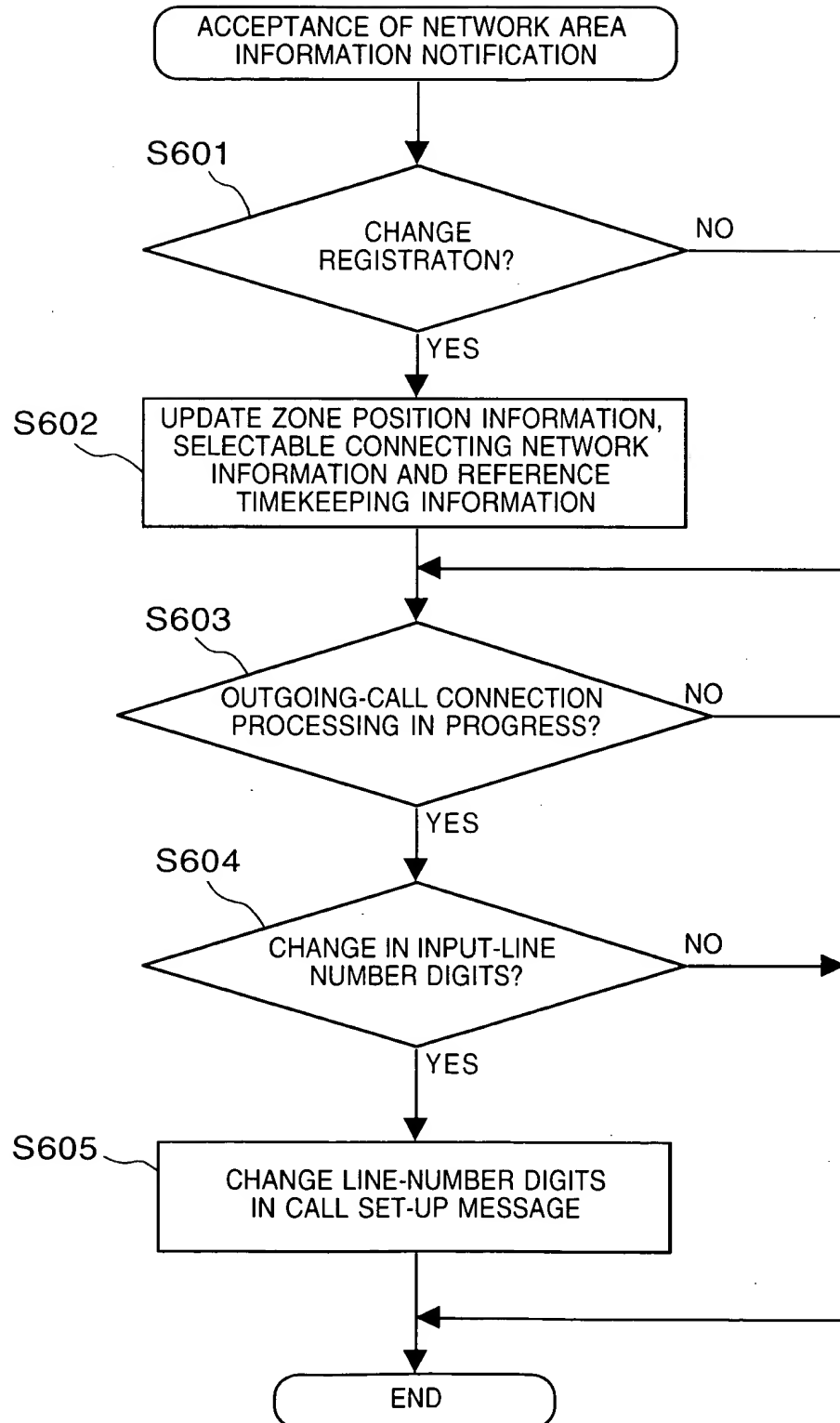
FIG. 6

FIG. 7

START OF COMMUNICATION	END OF COMMUNICATION	ZONE POSITION	DESTINATION	CONNECTING NETWORK	COMMUNICATION CATEGORY	COMMUNICATION CHARGE
1999/10/10 11:11:21 (JST)	1999/10/10 11:18:45 (JST)	AREA OF MOBILE CARRIER A1 (COUNTRY a)	SUBSCRIBER TERMINAL OF MOBILE CARRIER C1 (COUNTRY a) 080-XXX-XXXX	DOMESTIC CONNECTING CARRIER A1	OUTGOING CALL	380 YEN
1999/10/10 12:15:36 (JST)	1999/10/10 12:19:46 (JST)	AREA OF MOBILE CARRIER A1 (COUNTRY a)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	DOMESTIC CONNECTING CARRIER B1	INCOMING CALL (COLLECT)	280 YEN
1999/10/10 12:19:47 (JST)	1999/10/10 12:22:32 (JST)	AREA OF MOBILE CARRIER A2 (COUNTRY a)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	DOMESTIC CONNECTING CARRIER B1	INCOMING CALL (COLLECT)	230 YEN
1999/10/10 14:11:51 (JST)	1999/10/10 14:18:25 (JST)	AREA OF MOBILE CARRIER A2 (COUNTRY a)	SUBSCRIBER TERMINAL OF MOBILE CARRIER A2 (COUNTRY a) 080-XXX-XXXX	NOT SPECIFIED	OUTGOING CALL (COLLECT)	—
1999/10/11 12:11:31 (GMT)	1999/10/11 12:18:25 (GMT)	AREA OF MOBILE CARRIER B1 (COUNTRY b)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	—	INCOMING CALL	—
1999/10/11 12:21:41 (GMT)	1999/10/11 12:28:25 (GMT)	AREA OF MOBILE CARRIER B1 (COUNTRY b)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	DOMESTIC CONNECTING CARRIER C1 INTERNATIONAL CONNECTING CARRIER A1	OUTGOING CALL	1200 YEN

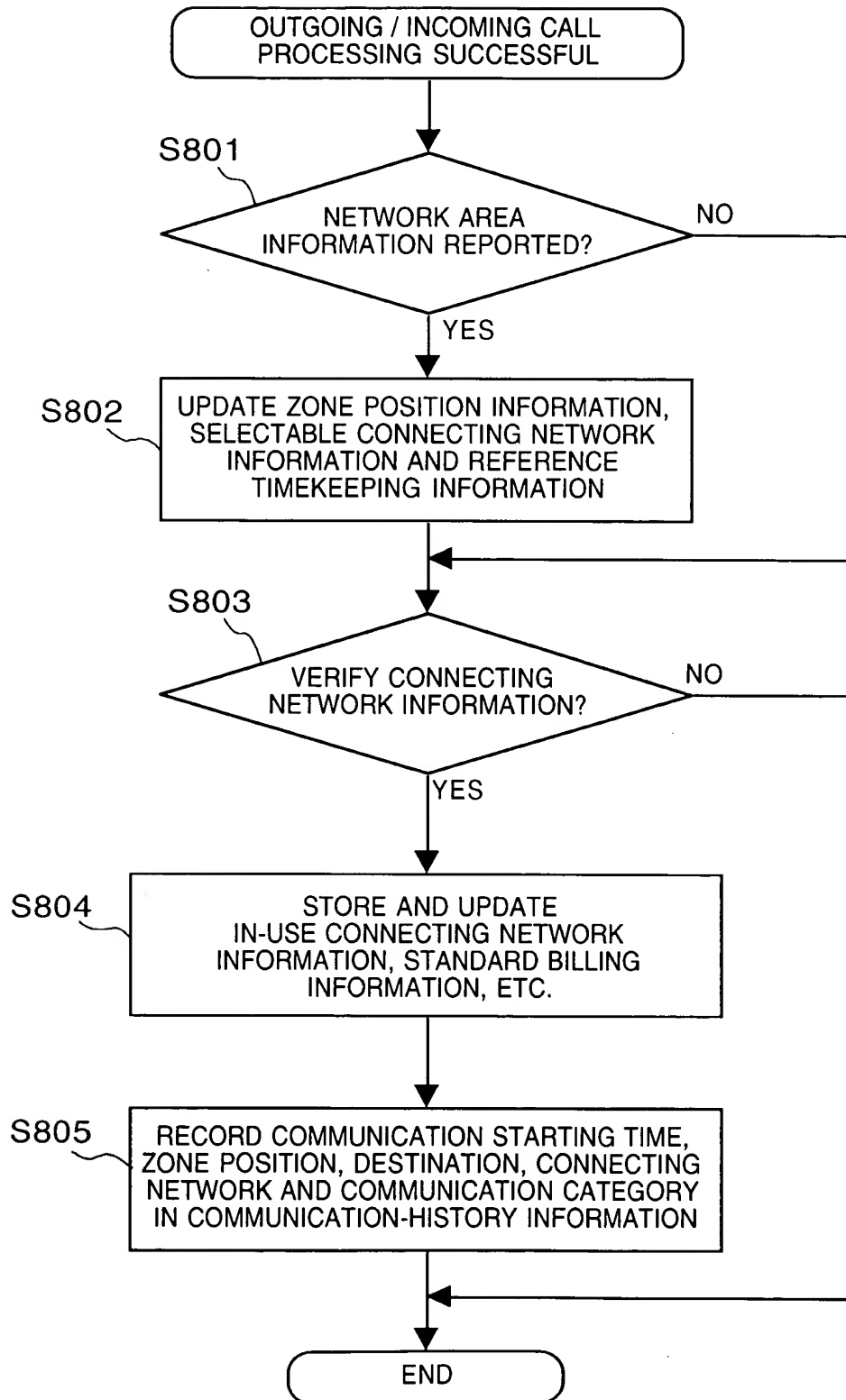
FIG. 8

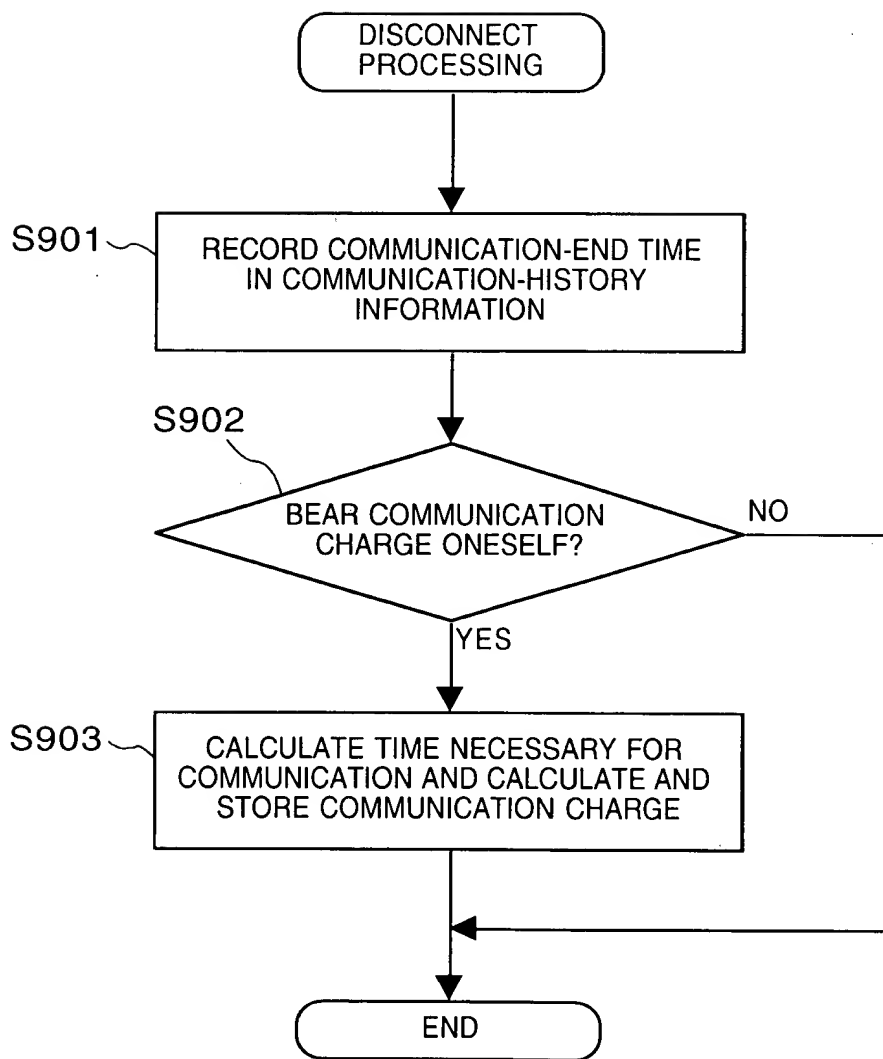
FIG. 9

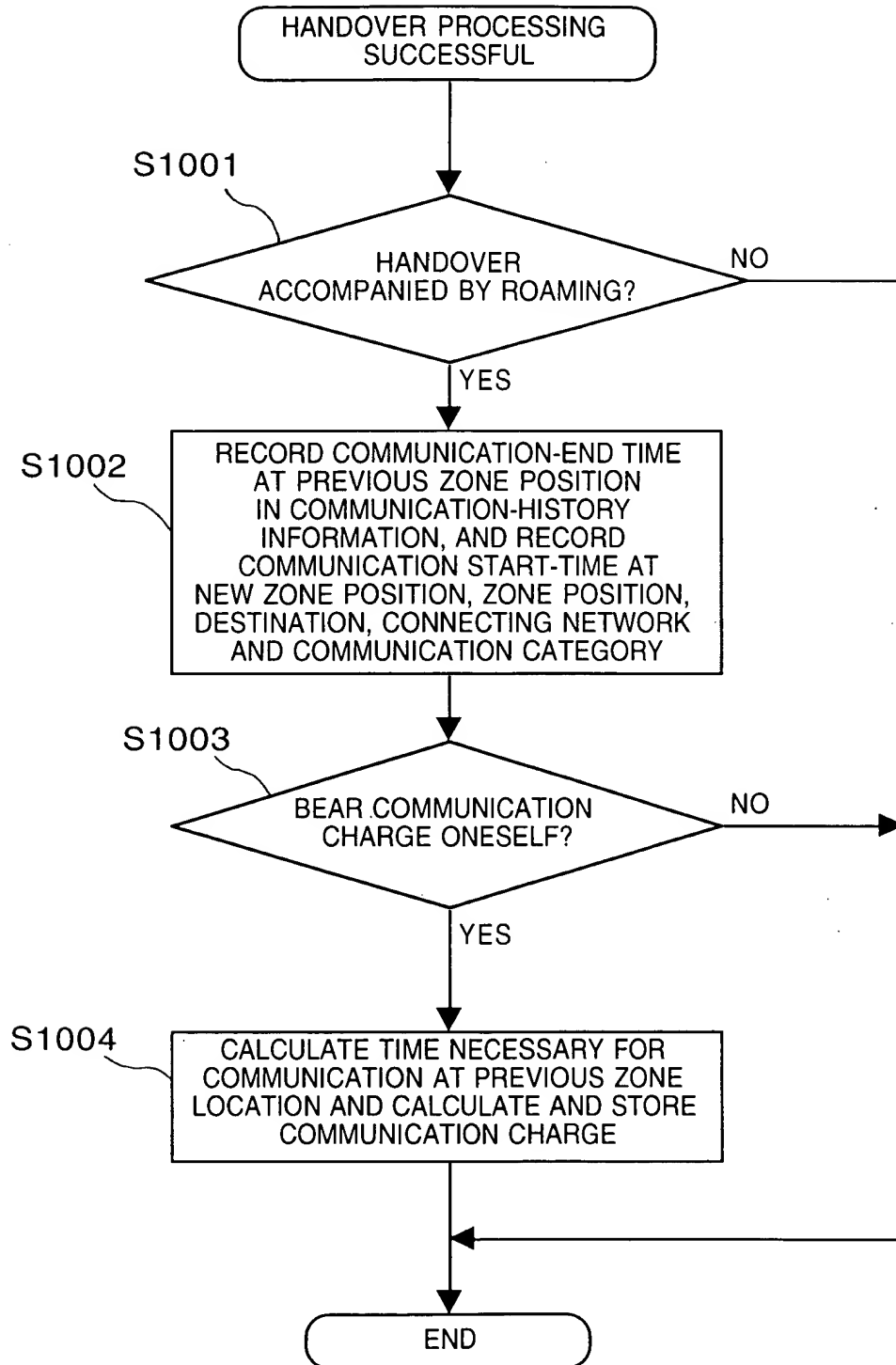
FIG. 10

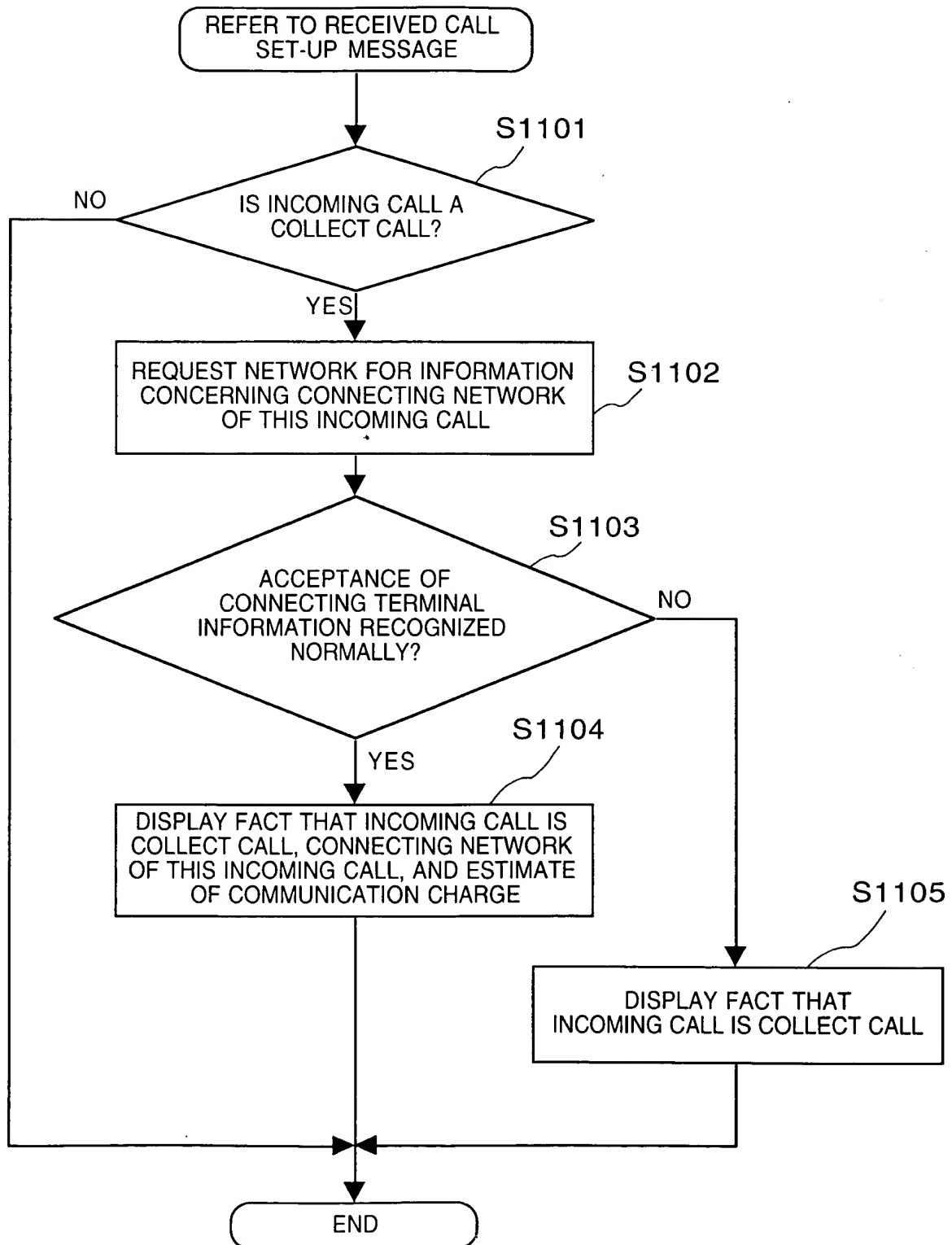
FIG. 11

FIG. 12

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DIRECTORY INFORMATION
PROGRAM MODULE OF PROCESSING (FIG. 6) FOR ACCEPTING NOTIFICATION OF NETWORK AREA INFORMATION
PROGRAM MODULE OF PROCESSING (FIG. 8) AT SUCCESS OF OUTGOING / INCOMING CALL PROCESSING
PROGRAM MODULE OF PROCESSING (FIG. 9) FOR DISCONNECT
PROGRAM MODULE OF PROCESSING (FIG. 10) AT SUCCESS OF HANDOVER PROCESSING
PROGRAM MODULE OF PROCESSING (FIG. 11) FOR REFERRING TO RECEIVED CALL SET-UP MESSAGE
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